



Air Pollution Control Board

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February 26, 2009

NOTICE OF WORKSHOP

TO DISCUSS PROPOSED AMENDMENTS TO REGULATION X TO INCORPORATE BY REFERENCE CURRENT VERSIONS OF FEDERAL NEW SOURCE PERFORMANCE STANDARDS (NSPS):

**SUBPART D - STANDARDS OF PERFORMANCE FOR FOSSIL-FUEL-FIRED STEAM GENERATORS
FOR WHICH CONSTRUCTION IS COMMENCED AFTER
AUGUST 17, 1971**

**SUBPART Da - STANDARDS OF PERFORMANCE FOR ELECTRIC UTILITY STEAM GENERATING
UNITS FOR WHICH CONSTRUCTION IS COMMENCED AFTER SEPTEMBER 18,
1978**

The San Diego County Air Pollution Control District (District) will hold a public meeting to consider comments concerning proposed amendments to Regulation X (Standards of Performance for New Stationary Sources) to repeal outdated federal versions and incorporate, by reference, current federal versions of New Source Performance Standards (NSPS) for utility boilers – Subparts D and Da. Comments addressing this proposal may be submitted in writing before, or made at, the workshop, which is scheduled as follows:

DATE: Thursday, April 16, 2009

TIME: 9:00 a.m. – 11:00 a.m.

**PLACE: San Diego County Air Pollution Control District
Main Conference Room
10124 Old Grove Road
San Diego, CA 92131**

Under the Clean Air Act, the U.S. Environmental Protection Agency (EPA) is required to establish, and periodically update, NSPS to ensure that emissions from newly built or reconstructed facilities throughout the country meet specified limits. The NSPS are contained as Subparts of Title 40, Chapter 1, Part 60, of the Code of Federal Regulations. EPA may delegate primary implementation and enforcement authority to air agencies that have locally adopted the federal NSPS. Accordingly, after a new or amended NSPS is promulgated by EPA, the District amends Regulation X (Standards of Performance for New Stationary Sources) to incorporate the new or amended Subpart by reference. The District then requests and routinely receives delegated authority to implement and enforce the NSPS.

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NSPS Subpart D applies to fossil-fuel-fired steam generating units with the heat input rate more than 73 megawatts (250 million British Thermal Units per hour (Btu/hr)), which commenced construction, reconstruction or modification after August 17, 1971. Subpart Da applies to electric utility steam generating units (utility boilers) with a heat input rate exceeding 73 megawatts (250 million British Thermal Units per hour) for which construction, reconstruction or modification began after September 18, 1978. Subpart Da also applies to any cogeneration unit that sells more than one-third of their potential output capacity (equating to at least 25 megawatts) to any utility power distribution system.

NSPS Subparts D and Da contain emission standards for sulfur dioxide (SO₂), particulate matter (PM), and oxides of nitrogen (NO_x). They require monitoring of emission rates and fuel usage, specify test methods and procedures, and require recordkeeping and reporting.

The District's Regulation X versions of Subparts D and Da, last amended in 2001, are now outdated due to EPA amendments. The District proposes amending Regulation X to repeal the older versions and incorporate, by reference, the current federal versions of each Subpart. EPA's recent amendments are summarized below.

NSPS SUBPART D Amendments

In 2000, EPA amended this subpart to clarify that it is not applicable to any facility covered under Subpart Da. In 2007, Subpart D was amended again to provide an alternative to the existing requirement for installation of a continuous opacity monitoring system (COMS). The amendment allows owners or operators of steam generators burning gaseous fuel or low-sulfur oil to use carbon monoxide continuous emission monitoring units (CEMS) in place of the COMS.

NSPS SUBPART Da Amendments

EPA amended NSPS Subpart Da in 2005, 2006, and 2007, to accomplish the following:

- Reduce the SO₂, NO_x and PM emission limits applicable to units for which construction, modification or reconstruction began after February 28, 2005.
- Specify mercury emission standards for new and existing coal-fired electric utility steam generating units.
- Clarify that NSPS Subpart Da does not apply to heat recovery steam generators associated with specified combined-cycle turbines, if the turbines are subject to NSPS Subpart KKKK (Standards of Performance for Stationary Combustion Turbines).
- Clarify that NSPS Subpart Da does not apply to municipal solid waste incinerators and specified coal-fired cogeneration units.
- Allow demonstrating compliance with PM emission limits by using periodic PM emissions performance testing and continuous monitoring of the PM control device.
- Update references to American Society for Testing and Materials (ASTM) testing methods.
- Clarify several definitions.

Upon adoption by the Air Pollution Control Board, the District will petition EPA for delegation of authority to implement and enforce the current federal versions of Subparts D and Da.

If you would like a copy of the current federal versions of Subpart D or Da, please visit the District's Website at www.sdapcd.org, under Rules & Regulations, Public Workshops Schedule, or you may call Janet McCue at (858) 586-2712. If you have any questions concerning this proposal, please contact Natalie Yates at (858) 586-2756 or Robert Reider at (858) 586-2640.

A handwritten signature in cursive script, reading "Rosa Maria S. Abreu". The signature is written in dark ink and is positioned above the printed name.

ROSA MARIA S. ABREU, Assistant Director
Air Pollution Control District

RR:NY;jlm